



1773

<b>AMENDMENT TRANSMITTAL LETTER</b>				Docket Number SHM-01901	
Application Number 10/033,669		Filing Date December 28, 2001		Examiner BERNATZ, Kevin M..	
				Group Art Unit 1773	
Invention Title SPIN TUNNEL MAGNETO-RESISTIVE EFFECT FILM AND ELEMENT, MAGNETO-RESISTIVE SENSOR USING SAME, MAGNETIC APPARATUS AND METHOD FOR MANUFACTURING SAME					
<b>TO THE COMMISSIONER FOR PATENTS</b> Transmitted herewith is an amendment in the above-identified application, including:  <div style="display: flex; justify-content: space-between;"><div><p>(X) Response to Office Action Under 37 C.F.R. § 1.111(30 pgs.);</p><p>(X) Verified Translation of Japanese Patent Application 2000-399868;</p><p>(X) Petition for One Month Extension of Time;</p><p>(X) Check for \$110.00; and</p><p>(X) Return Receipt Postcard.</p></div><div style="text-align: right;"><b>RECEIVED</b> <b>OCT 28 2003</b> <b>TC 1700</b></div></div>					
<b>CLAIMS AS AMENDED</b>					
	(1)		(2)	(3)	
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT NUMBER EXTRA	RATE FEE
TOTAL CLAIMS	23	Minus	29	0	x \$18 \$ 0
INDEPENDENT CLAIMS	4	Minus	4	0	x \$86 \$ 0
MULTIPLE DEPENDENT CLAIM ADDED					\$290
					<b>TOTAL</b> \$ 0
If applicant has small entity status under 37 CFR 1.9 and 1.27, then divide total fee by 2, and enter amount here.				<b>SMALL ENTITY TOTAL</b> \$	
<p>* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.</p> <p>** If the highest number previously paid for IN THIS SPACE is less than 20, enter "20."</p> <p>*** If the highest number previously paid for IN THIS SPACE is less than 3, enter "3."</p> <p>The "highest number previously paid for" (total or independent) is the highest number found in the appropriate box in column 1.</p> <p>( ) Please charge <b>Deposit Account Number 031721</b> in the amount of \$ _____. A duplicate copy of this sheet is enclosed.</p> <p>( ) A check in the amount of \$ _____ to cover the filing fee is enclosed.</p> <p>(X) Please credit any overpayment and/or charge any additional filing fees required under 37 CFR §§ 1.16 and 1.17 to our <b>Deposit Account Number 031721</b>.</p>					
<div style="display: flex; justify-content: space-between; align-items: flex-end;"><div style="width: 45%; text-align: center;"> Donald W. Muirhead, Reg. No. 33,978  October 21, 2003 Date</div><div style="width: 50%; border: 1px solid black; padding: 5px; text-align: center;"><p>I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on October 21, 2003.</p> Tracey A. Newell</div></div>					



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Junichi FUJIKATA et al.

Appl. No.: 10/033,669

Filed: December 28, 2001

For: SPIN TUNNEL MAGNETO-RESISTIVE  
EFFECT FILM AND ELEMENT,  
MAGNETO-RESISTIVE SENSOR USING  
SAME, MAGNETIC APPARATUS AND  
METHOD FOR MANUFACTURING SAME

**RECEIVED**

**OCT 28 2003**

**TC 1700**

Art Unit: 1773

Examiner: BERNATZ, Kevin M.

Atty Docket: SHM-01901

**CERTIFICATE OF MAILING**

I hereby certify that the foregoing document is being deposited with the United States Postal Service as first class mail, postage prepaid, "Post Office to Addressee", in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 21, 2003.

*Tracey A. Newell*  
Tracey A. Newell

**RESPONSE TO OFFICE ACTION UNDER 37 C.F.R. § 1.111**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This paper is being provided in response to the Office Action dated July 16, 2003, for the above-captioned U.S. patent application.

**Amendments to the Specification** begin on page 2 of the this paper.

**Amendments to the Claims** are reflected in the listing of claims that begins on page 7 of this paper.

**Remarks** begin on page 15 of this paper.

It is not believed that extensions of time or fees for net addition of claims are required, beyond those which may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required for consideration of this paper (including fees for net addition of claims) are authorized to be charged in two originally-executed copies of an Amendment Transmittal Letter filed herewith.